ENERGY EFFICIENCY HAS NEVER BEEN MORE POWERFUL

HP Recommends Windows Vista® Business

ENERGY STAR® compliance provides you with an officially recognized way to save money through energy efficiency – and help the environment without sacrificing performance.

Rules-based configuration

ENERGY STAR® requires following a rules-based configuration selection for each system. Select your components (processors, graphics, hard drives, etc) within columns to complete a valid ENERGY STAR configuration. Key components (processors, graphics, hard drives) that are not included in these rules are not eligible for ENERGY STAR configurations Please note that some configurations have unique requirements including mandatory selection of a single or dual processor.

A sample of eligible ENERGY STAR components for the HP Z800 Workstation appears on the next page.

For more information

For more information on ENERGY STAR and other environmental efforts for HP workstations–and to see our selection of ENERGY STAR pre-configured and configure-your-own models–visit **www.hp.com/go/wsefficient**.

WORKSTATIONS

ENERGY STAR

Pre-configured ENERGY STAR® HP Z800 Workstations

To make it even easier, HP offers a large selection of preconfigured HP Z800 ENERGY STAR compliant models.

Energy Star compliant configurations must encompass items from a single class column. Other components are available. Ask your HP Sales Representative or HP Authorized Reseller for details.

HP Recommends Windows Vista® Business

HPPN	Description	Energy Star Compliant
HP Workstation base system, chassis, and Energy Star		
FF825AV	HP Z800 Workstation	√
FX465AV	HP Z800 1110W 89% Efficient Chassis	√
FX464AV	HP Z800 850W 85% Efficient Chassis	√
NQ275AV	HP Energy Star 5.0 Enabled Configuration	√
Operating System		
FY899AV	Genuine Windows Vista® Business 32-bit* with downgrade to Windows® XP Professional 32-bit custom installed**	√
FY900AV	Genuine Windows Vista® Business 64-bit* with downgrade to Windows® XP Professional 64-bit custom installed**	√
FY901AV	Genuine Windows Vista® Business 32-bit*	√
FY902AV	Genuine Windows Vista® Business 64-bit*	√
Processor 1st		
NF118AV	Intel® Xeon® Processor W5580, quad-core	√
NF112AV	Intel® Xeon® Processor X5550, quad-core	√
NF114AV	Intel® Xeon® Processor X5560, quad-core	√
NF116AV	Intel® Xeon® Processor X5570, quad-core	√
NF102AV	Intel® Xeon® Processor E5504, quad-core	2 processors required
NF104AV	Intel® Xeon® Processor E5506 ,quad-core	2 processors required
NF106AV	Intel® Xeon® Processor E5520, quad-core	2 processors required
NF108AV	Intel® Xeon® Processor E5530, quad-core	2 processors required
NF110AV	Intel® Xeon® Processor E5540, quad-core	2 processors required
Processor 2nd		
NF119AV	Intel® Xeon® Processor W5580, quad-core	√
NF113AV	Intel® Xeon® Processor X5550, quad-core	√
NF115AV	Intel® Xeon® Processor X5560, quad-core	√
NF117AV	Intel® Xeon® Processor X5570, quad-core	√
NF103AV	Intel® Xeon® Processor E5504, quad-core	√
NF105AV	Intel® Xeon® Processor E5506, quad-core	√
NF107AV	Intel® Xeon® Processor E5520 , quad-core	√
NF109AV	Intel® Xeon® Processor E5530, quad-core	√
NF111AV	Intel® Xeon® Processor E5540, quad-core	√
Memory		
FX546AV	2 GB (2 x 1 GB) DDR3-1333 ECC 2-CPU	√
NL663AV	4 GB (4 x 1 GB) DDR3-1333 ECC 2-CPU	√
NL664AV	6 GB (6 x 1 GB) DDR3-1333 ECC 2-CPU	√
NL665AV	8 GB (8 x 1 GB) DDR3-1333 ECC 2-CPU	√
NL666AV	12 GB (6 x 2 GB) DDR3-1333 ECC 2-CPU	√
NL667AV	16 GB (8 x 2 GB) DDR3-1333 ECC 2-CPU	√
VF145AV	12 GB (6 x 2 GB) DDR3-1333 ECC 1-CPU	√
VF146AV	12 GB (3 x 4 GB) DDR3-1333 ECC 1-CPU Reg	√
VF148AV	18 GB (6 x 2 GB + 6 x 1 GB)DDR3-1333 ECC 2-CPU	√
NL658AV	1 GB (1 x 1 GB) DDR3-1333 ECC 1-CPU	√
VF149AV	24 GB (12 x 2 GB) DDR3-1333 ECC 2-CPU	√
FX548AV	24 GB (6 x 4 GB) DDR3-1333 ECC Reg 2-CPU	√
VF147AV	24 GB (6 x 4 GB) DDR3-1333 ECC 1-CPU Reg	√
NL659AV	2 GB (2 x1 GB) DDR3-1333 ECC 1-CPU	√
NL668AV	32 GB (8 x 4 GB) DDR3-1333 ECC Reg 2-CPU	√
NL660AV	3 GB (3 x 1 GB) DDR3-1333 ECC 1-CPU	√

HPPN	Description	Energy Star Compliant
Memory Cont.		
NL669AV	48 GB (12 x 4 GB) DDR3-1333 ECC Reg 2-CPU	√
FX545AV	4 GB (2 x 2 GB) DDR3-1333 ECC 1-CPU	√
VF144AV	4 GB (4 x 1 GB) DDR3-1333 ECC 1-CPU	√
NL661AV	6 GB (3 x 2 GB) DDR3-1333 ECC 1-CPU	√
NL662AV	8 GB (4 x 2 GB) DDR3-1333 ECC 1-CPU	√
Graphics Card 1st		
FY880AV	ATI FirePro V3700 256 MB	√
FY883AV	ATI FirePro V5700 512 MB	√
FY884AV	ATI FirePro V7750 1 GB	√
NK660AV	NVIDIA Quadro CX	√
FY882AV	NVIDIA Quadro FX1800 768 MB	√
NA384AV	NVIDIA Quadro FX380 256 MB	√
FY885AV	NVIDIA Quadro FX3800 1 GB	√
FY886AV	NVIDIA Quadro FX4800 1.5 GB	√
FY881AV	NVIDIA Quadro FX580 512 MB	√
FY887AV	NVIDIA Quadro FX5800 4 GB	√
FY879AV	NVIDIA Quadro NVS 295 256 MB	√
Graphics Card 2nd		
FY889AV	ATI FirePro V3700 256 MB	√
FY892AV	ATI FirePro V5700 512 MB	√
FY893AV	ATI FirePro V7750 1 GB	√
FY891AV	NVIDIA Quadro FX1800 768 MB	√
NA385AV	NVIDIA Quadro FX380 256 MB	√
FY894AV	NVIDIA Quadro FX3800 1 GB	√
FY895AV	NVIDIA Quadro FX4800 1.5 GB PCIe	√
FY890AV	NVIDIA Quadro FX580 512 MB	√
FY896AV	NVIDIA Quadro FX5800 4 GB	√
FY888AV	NVIDIA Quadro NVS 295 256 MB	√
Connector		
NK720AV	NVIDIA SLI Connector	√
Hard drive 1st		
FX474AV	160 GB SATA 7200 rpm	√
FX475AV	250 GB SATA 7200 rpm	√
FX476AV	320 GB SATA 7200 rpm	√
FX477AV	500 GB SATA 7200 rpm	√
FX478AV	1000 GB SATA 7200 rpm	√
FX479AV	160 GB SATA 10K SFF	√
FX480AV	300 GB SATA 10K SFF	√
Hard drive 2nd		
FX484AV	160 GB SATA 7200 rpm	√
FX485AV	250 GB SATA 7200 rpm	√
FX486AV	320 GB SATA 7200 rpm	√
FX487AV	500 GB SATA 7200 rpm	√
FX488AV	1000 GB SATA 7200 rpm	√
FX489AV	160 GB SATA 10K SFF	√
FX490AV	300 GB SATA 10K SFF	√

HPPN	Description	Energy Star Compliant
Removable Drive 1st		
FX535AV	16X DVD+-RW SuperMulti SATA	√
FX534AV	16X DVD-ROM SATA	√
FX536AV	8X DVD RW SuperMulti Slot Load Drive	√
FX533AV	HP No Optical Drive Option	√
NH224AV	HP SATA Blu-ray Writer 1st Drive	√

*Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.

**Available for end user customers that are a business (including governmental or educational institutions) who are expected to annually order at least 25 Customer Systems with the same Custom Image.

All HP Workstations come with a 3 years parts, 3 years labor, and 3 years onsite service (3/3/3) standard warranty. All HP Workstations come with the HP Performance Tuning Framework Utility.

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